

Peak District National Park

Forecast valid from 00:00 on Wednesday 01 Feb 2023 until 23:59 on Thursday 02 Feb 2023

Forecast Issued on Tuesday 31 Jan 2023 at 16:15

Confidence: High for mild, breezy and often cloudy conditions through the coming days with occasional rain. Confidence falls for timing of a cold front moving southeast across the UK on Saturday bringing more settled, slightly colder conditions

Headline for Wednesday 01 Feb 2023: Bright start but clouding over with patchy afternoon rain. Winds easing a little

Mountain weather hazards on Wednesday 01 Feb 2023

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Light rain	Partly cloudy (night)
Precipitation probability							
<05%	10%	10%	10%	30%	30%	60%	30%

Forecast for Wednesday 01 Feb 2023

Weather: Mainly dry overnight with, especially in the east, clear spells. Then a bright start with some sunny spells but cloud increasing for the afternoon, especially across western hills with patchy mainly light rain and drizzle. Risk of some more persistent rain for a time in the early evening, with clear spells developing in the east later.

Chance of cloud-free hill tops above 600m: Around 40% in west and 90% in east at first falling close to zero in west by early afternoon and 40% in the east

Low cloud and visibility: Occasional or periods of cloud above 600m in the west, with little or no cloud below the summits in the east, at first becoming periods or persistent above 450-600m in west with patches below, the cloud in the east becoming occasional or periods 600m. Away from cloud visibility good falling to several kilometres in rain and drizzle.

Forecast for Wednesday 01 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/40 W	28/39 W	31/43 W	33/46 W	31/43 W	29/41 W	26/37 W	23/33 W	23/34 W
300	23/34 W	20/31 W	23/35 W	26/39 W	25/38 W	23/36 W	21/33 W	18/29 W	18/29 W
Valley	16/34 W	14/30 W	17/35 W	19/38 W	19/38 W	18/36 W	15/32 W	13/28 W	13/28 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-6	2/-6	2/-5	3/-4	3/-3	4/-3	3/-2	3/-2
300	4/-2	4/-2	4/-2	5/-1	6/0	6/1	6/1	6/1	6/1
Valley	5/0	4/0	5/0	5/1	6/2	6/2	6/2	6/3	6/3
Freezing Level*	800m	800m	800m	1000m	1000m	1100m	1200m	1200m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts around 55mph over higher peaks through the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 31 Jan 2023	5.4mm	10.4mm	13.2mm

Forecast for Thursday 02 Feb 2023

Weather: A mostly cloudy day with occasional, mainly light rain and drizzle. Best of any brighter spells likely across more eastern hills.

Maximum wind: Westerly or southwesterly 20-25mph, gusts around 40mph over higher peaks, easing a little through the afternoon.

Chance of cloud-free hill tops above 600m: Around 25% in west but nearer 60% in east

Low cloud and visibility: Periods or persistent cloud above about 600m lowering, especially in west, to 450m in precipitation, the cloud in the east becoming more occasional above about 600m at times. Away from cloud visibility good falling to several kilometres in rain and drizzle.

Temperature: **Valleys:** Around 5 or 6 Celsius at dawn rising to plus 11 or 12 Celsius by day
At 600m: Plus 5 or 6 Celsius
Freezing level: Above the summits